

FIG. 1 (PRIOR ART)

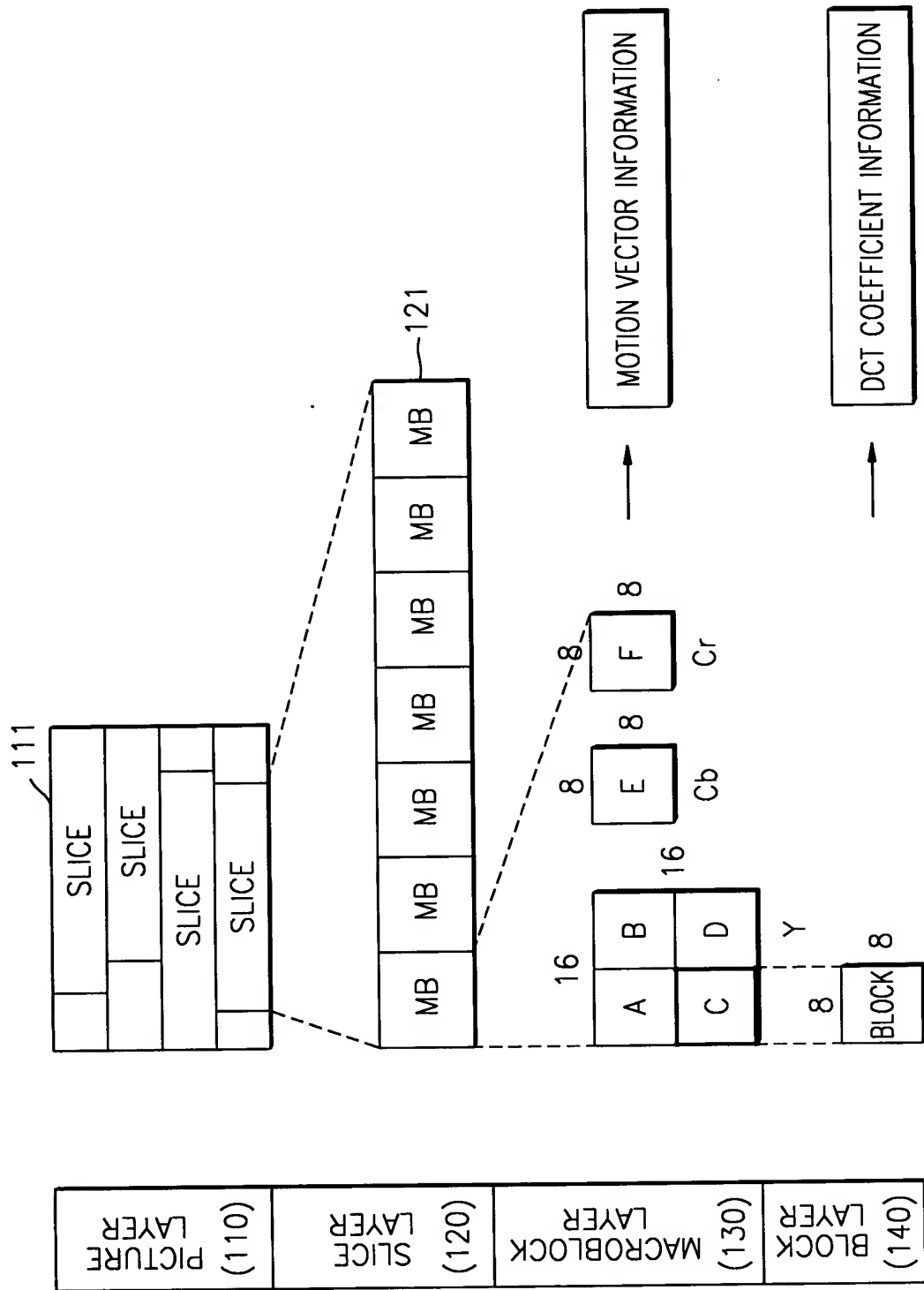


FIG. 2 (PRIOR ART)

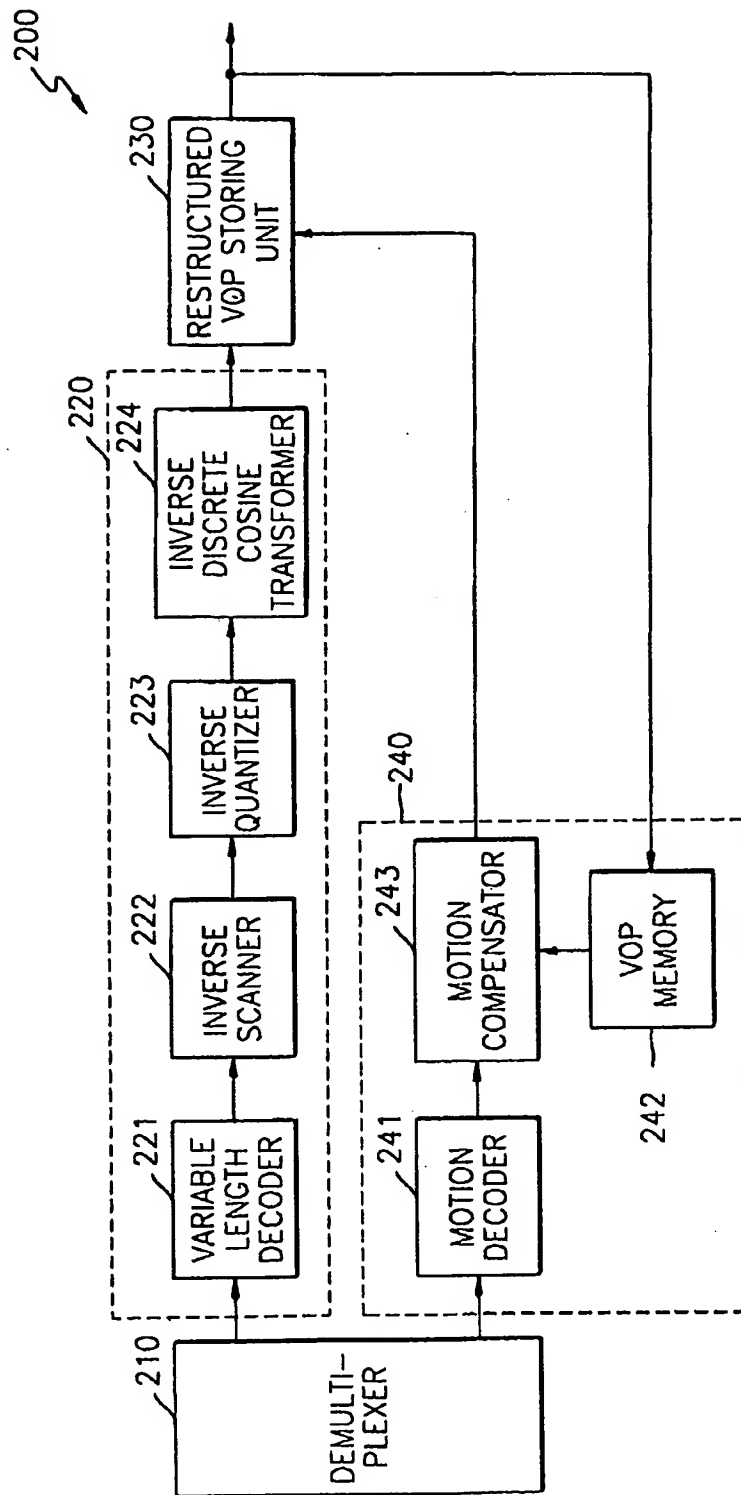


FIG. 3 (PRIOR ART)

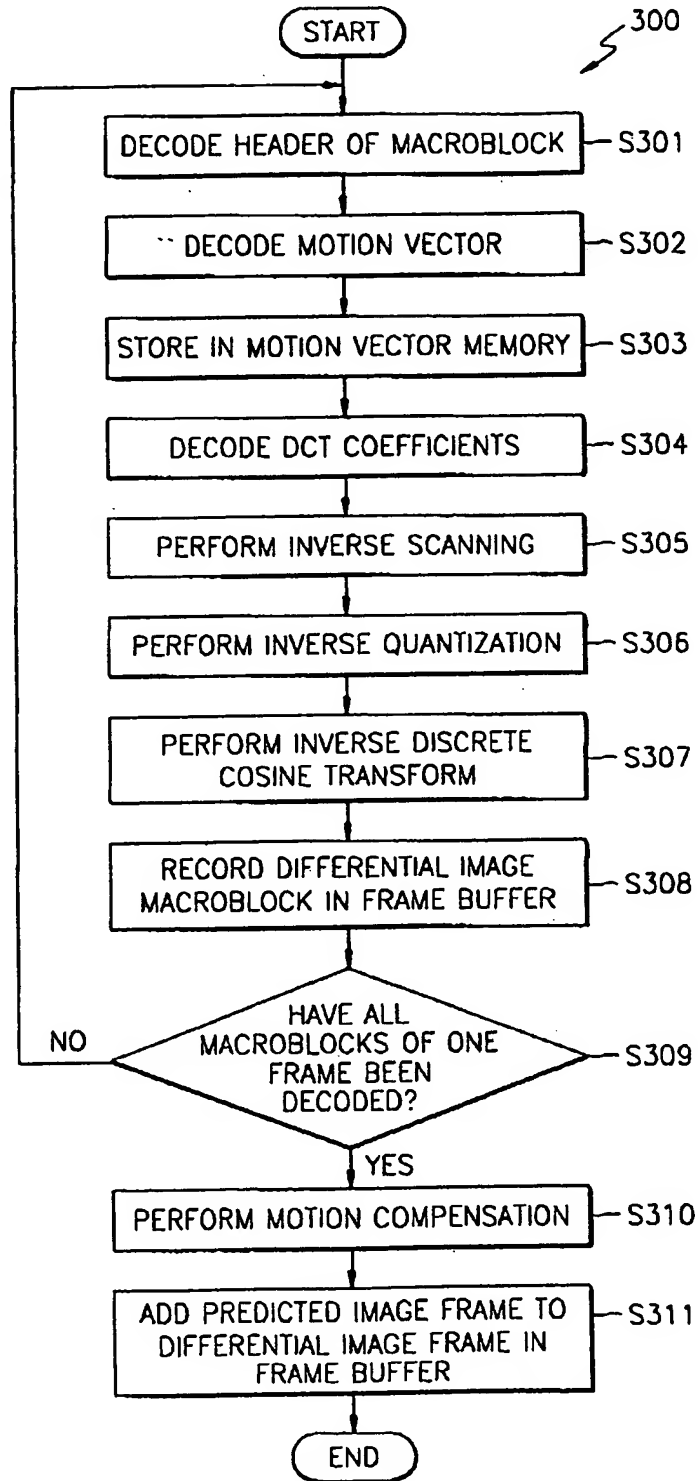


FIG. 4 (PRIOR ART)

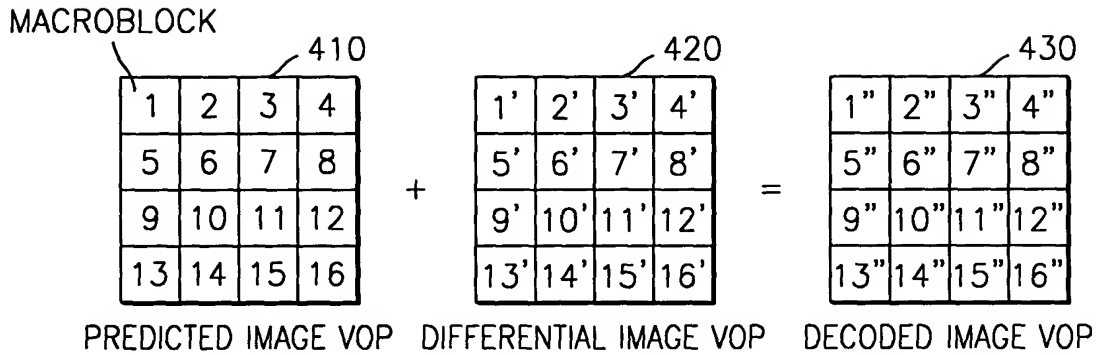


FIG. 5

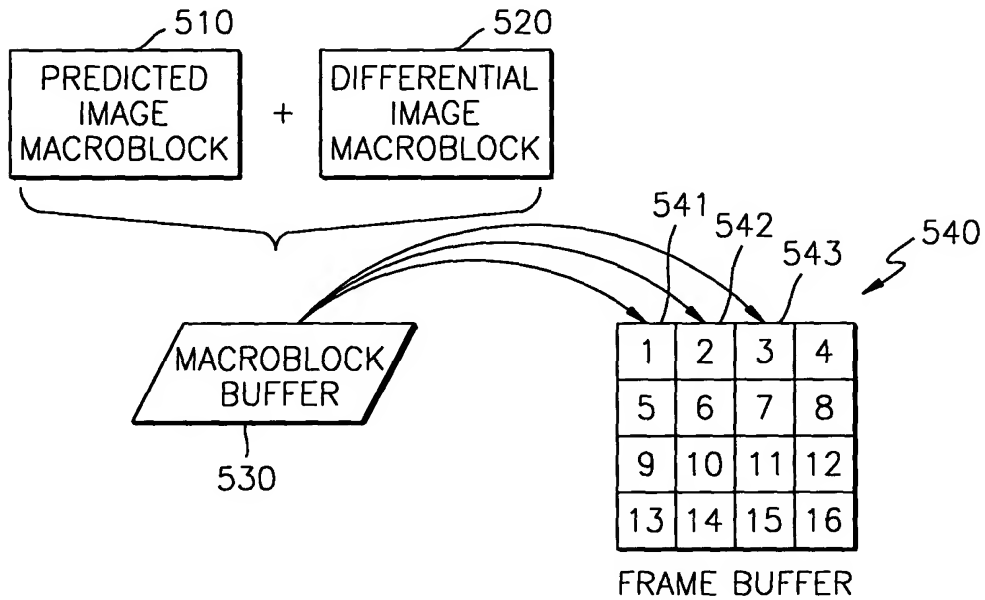


FIG. 6

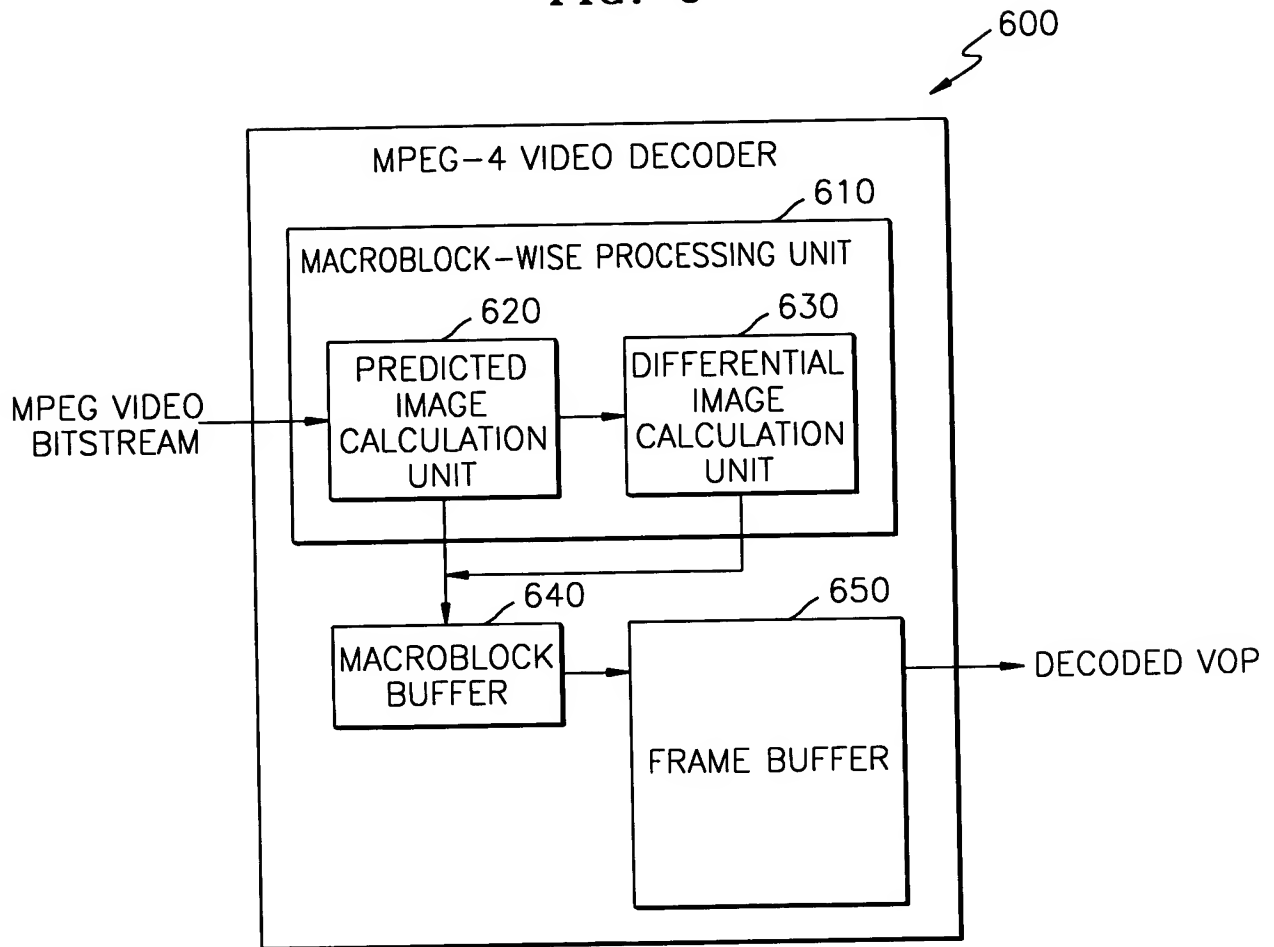


FIG. 7

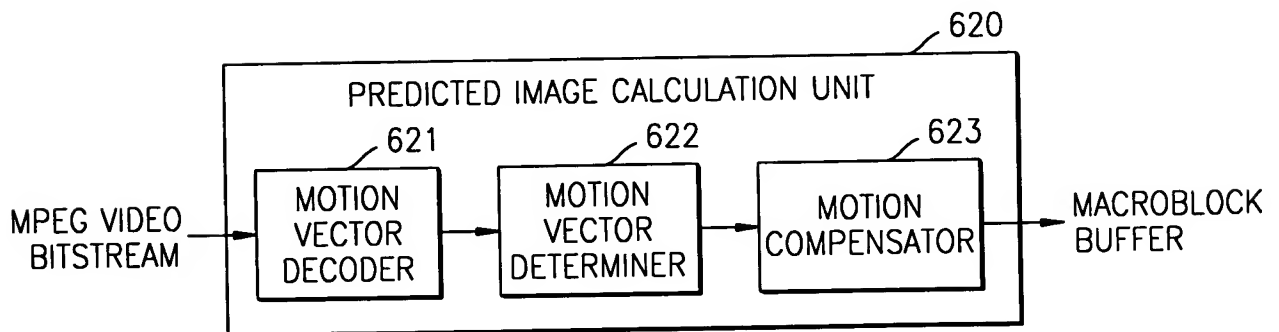


FIG. 8

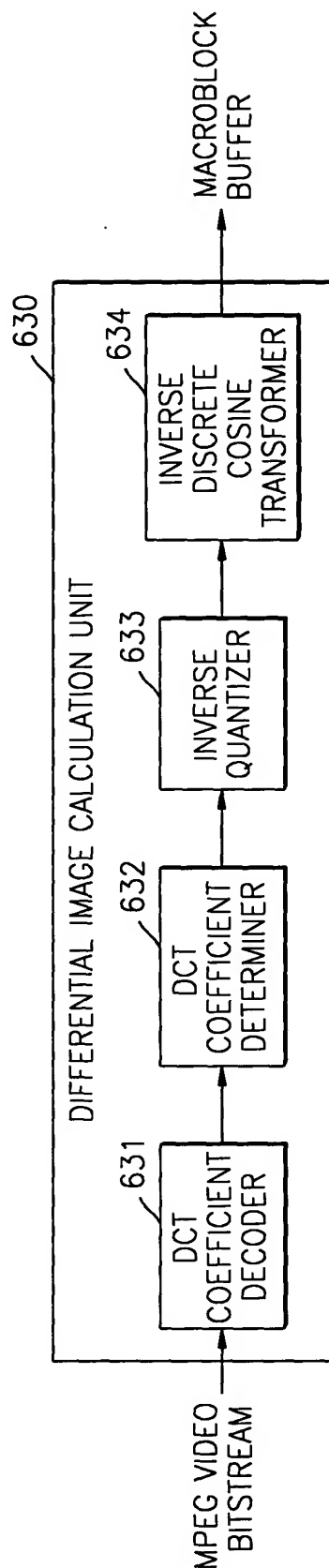


FIG. 9

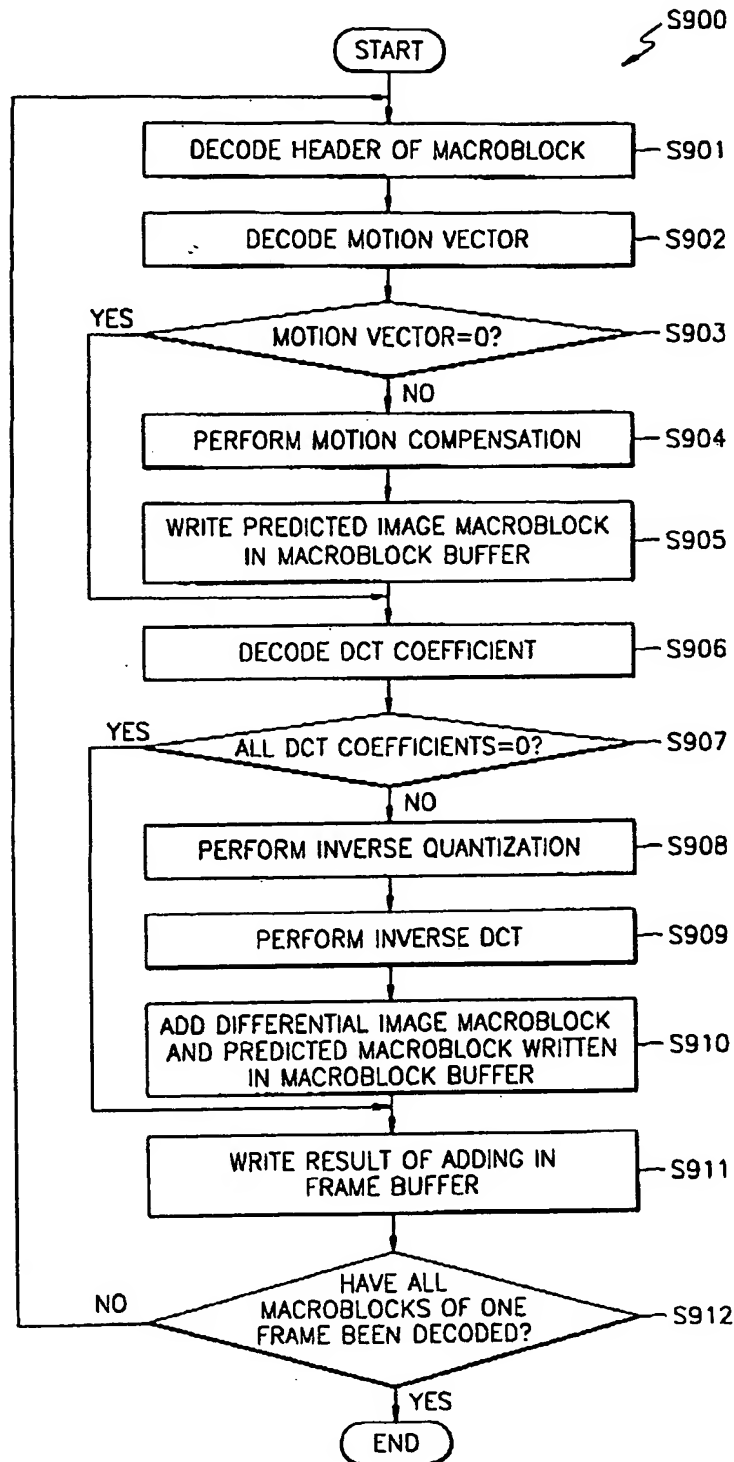


FIG. 10A

QP	AKIYO 118800blk	FOREMAN 475200blk	MOBILE 475200blk
5	90%	62%	22%
12	97%	89%	48%
20	99%	95%	69%

FIG. 10B

QP	AKIYO 118800blk	FOREMAN 475200blk	MOBILE 475200blk
5	95%	29%	9%
12	96%	47%	10%
20	97%	36%	13%

FIG. 10C

SEQUENCE	QP	SPEED (fps)		
		MS REFERENCE	OPTIMIZED	RATE
AKIYO (qcif)	5	46	111	2.4
	12	52	133	2.56
	20	55	142	2.58
FOREMAN (cif)	5	8	16	2.0
	12	12	29	2.41
	20	13	30	2.30
MOBILE (cif)	5	3	5	1.67
	12	6	11	1.83
	20	8	15	1.89